

Nevada Division of Environmental Protection

**AUTHORIZATION TO DISCHARGE**

In compliance with Chapter 445A of the Nevada Revised Statutes,

Republic Dumpco  
770 E Sahara Ave  
Las Vegas NV 89104

is authorized to discharge from facilities located at

Apex Regional Waste Management Center  
(Scale House and Maintenance Building)  
13550 North U.S. Highway 93  
Clark County  
Latitude 36° 22' 58" North  
Longitude 114° 53' 00" West  
Township 18 South - Range 64 East - Sections 19 and 20

to: Groundwater

in accordance with the effluent limitations, monitoring requirements, and other conditions set forth in Parts I, II, and III hereof.

This permit shall become effective on: **Month XX**, 2004.

This permit and the authorization to discharge shall expire at midnight **Month XX**, 2009.

Signed this **XXxx** day of **Month**, 2004.

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Robert J. Saunders  
Staff Engineer  
Bureau of Water Pollution Control



## PART I

### I.A. EFFLUENT LIMITATIONS, MONITORING REQUIREMENTS AND CONDITIONS

- I.A.1. During the period beginning on the effective date of this permit, and lasting until the permit expires, the Permittee is authorized to discharge from Outfalls 001, 002, and 003, as described below.

Outfall 001: Outlet of maintenance building holding tank. Wastewater resulting from washing vehicles and the building interior is treated in a 2000 gal sand-oil separator, stored in a 5000 gal holding tank, then discharged to water trucks for application as dust control water within the lined portion of the landfill. Backwash, regeneration, and reject water from the drinking water treatment system is also discharged to the holding tank. The drinking water system consists of water softening, reverse osmosis, and filtration; and is used to render water from the on-site well potable.

Outfall 002: Scale House septic system leachfield. Plumbing fixtures in the guard shack consist of one toilet and one lavatory sink in the restroom. 1000 gal septic tank. 1000 gpd leachfield.

Outfall 003: Maintenance building septic system leachfield. Restroom, kitchen, shower, and janitorial facilities. Drinking fountains. 2500 gal septic tank. 2250 gpd leachfield with distribution box and dosing tank.

The discharges shall be limited and monitored as specified below.

Table I.A.1

Parameter	Discharge Limitation	Monitoring Requirements		
	Monthly Average	Sample Location	Measurement Frequency	Sample Type
Flow, gpd <sup>(1)</sup>	monitor & report <sup>(2)</sup>	Outfall 001	each discharge	flow meter

(1) gpd = gallons per day

(2) For the purpose of determining the fee required by NAC 445A.232, the flow from this facility is less than 50,000 gpd based on the design capacities of the septic tanks and reported flows for the holding tank.

- I.A.1.a. Sinks, toilets, and drains served by septic systems shall only receive typical restroom, shower, kitchen, and janitorial wastewater. There shall be no disposal of industrial, or other non-domestic wastes to septic systems.
- I.A.1.b. Discharges to the holding tank shall be limited to wastewater resulting from vehicle and floor washing in the maintenance building; and backwash,

regeneration, and reject water from the drinking water system. There shall be no disposal of other wastes. Drip pans shall be used as needed under vehicles and equipment in the maintenance building. Oils and other fluids spilled to the floor shall be dry cleaned with absorbents and swept up and removed prior to washing the floor with water.

- I.A.1.c. Septic tanks and the sand-oil separator shall be inspected regularly and pumped as needed to prevent discharge of solids or oil to the leachfields. Dates of pumping and disposition of the waste shall be reported on the Discharge Monitoring Reports. Inspection and pumping procedures shall be in accordance with the Operations and Maintenance Manual.
- I.A.1.d. Vehicular traffic shall be prohibited from leachfields.
- I.A.2. There shall be no objectionable odors from the collection system, treatment facility or disposal area.
- I.A.3. There shall be no discharge of substances that would cause a violation of the drinking water standards in the groundwater.
- I.A.4. There shall be no discharge from the collection, treatment, storage, and disposal facilities except as authorized by this permit.
- I.A.5. The collection, treatment, storage, and disposal facilities shall be constructed in conformance with plans approved by the Division. The plans must be approved by the Division prior to the start of construction. All changes to the approved plans must be approved by the Division.
- I.A.6. The facility shall be operated in accordance with the Operations and Maintenance (O&M) Manual which must be approved by the Division.
- I.A.7. There shall be no discharge of floating solids or visible foam in other than trace amounts.
- I.A.8. The Permittee shall remit an annual review and services fee in accordance with NAC 445A.232 starting July 1, 2004 and every year thereafter until the permit is terminated.
- I.A.9. **Schedule of Compliance**
  - a. The Permittee shall implement and comply with the provisions of the schedule of compliance after approval by the Division, including in said implementation and compliance, any additions or modifications which the Division may make in approving the schedule of compliance.
  - b. The Permittee shall achieve compliance with the effluent limitations upon issuance of the permit.

- c. The permittee shall submit a revised Operations and Maintenance Manual by the six month anniversary of the effective date of this permit. The manual shall be submitted to:

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Bureau of Water Pollution Control  
Nevada Division of Environmental Protection  
1771 E Flamingo Rd Ste 121A  
Las Vegas NV 89119

**I.B. MONITORING AND REPORTING**

- I.B.1. Samples and measurements taken as required herein shall be representative of the volume and nature of the monitored discharge. Analyses shall be performed by a State of Nevada certified laboratory. Results from this laboratory must accompany the Discharge Monitoring Report.

**I.B.2. Reporting**

**Quarterly Reporting**

Monitoring results obtained during the previous three (3) months shall be summarized for each month and reported on a Discharge Monitoring Report (DMR) form or other approved format received in this office no later than the 28th day of the month following the completed reporting period. Any data submitted in excess of the limits in Part I.A.1 must be explained by a narrative. The reporting periods are January through March, April through June, July through September, and October through December. The first report is due on **Month 28, 200X**. An original signed copy of these, and all other reports required herein, shall be submitted to the State at the following address:

Diana Silsby, Compliance Coordinator  
Bureau of Water Pollution Control  
Nevada Division of Environmental Protection  
333 W Nye Lane  
Carson City NV 89706-0851

**I.B.3. Test Procedures**

Test procedures for the analysis of pollutants shall conform to regulations (40 CFR, Part 136) published pursuant to Section 304(h) of the Clean Water Act, under which such procedures may be required unless other procedures are approved by the Division.

**I.B.4. Recording the Results**

For each measurement or sample taken pursuant to the requirements of this permit, the Permittee shall record the following information:

- a. the exact place, date, and time of sampling
- b. the dates the analyses were performed

- c. the person(s) who performed the analyses
- d. the analytical techniques or methods used, and
- e. the results of all required analyses.

**I.B.5. Additional Monitoring by Permittee**

If the Permittee monitors any pollutant at the location(s) designated herein more frequently than required by this permit, using approved analytical methods as specified above, the results of such monitoring shall be included in the calculation and reporting of the values required in the Discharge Monitoring Report form. Such increased frequency shall also be indicated.

**I.B.6. Records Retention**

All records and information resulting from the monitoring activities required by this permit, including all records of analyses performed and calibration and maintenance of instrumentation and recordings from continuous monitoring instrumentation, shall be retained for a minimum of three (3) years, or longer if required by the Division.

**I.B.7. Modification of Monitoring Frequency and Sample Type**

After considering monitoring data, stream flow, discharge flow and receiving water conditions, the Division, may for just cause, modify the monitoring frequency, sample type, or both, by issuing an order to the Permittee.

- I.B.8.** All laboratory analyses conducted in accordance with this discharge permit must have detection at or below the permit limits.

## **PART II**

### **II.A. MANAGEMENT REQUIREMENTS**

**II.A.1. Change in Discharge**

All discharges authorized herein shall be consistent with the terms and conditions of this permit. The discharge of any pollutant identified in this permit more frequently than or at a level in excess of that authorized shall constitute a violation of the permit. Any anticipated facility expansions, or treatment modifications which will result in new, different, or increased discharges of pollutants must be reported by submission of a new application or, if such changes will not violate the effluent limitations specified in this permit, by notice to the permit issuing authority of such changes. Any changes to the permitted treatment facility must comply with Nevada Administrative Code NAC 445A.283 to 445A.285. Pursuant to NAC 445A.263, the permit may be modified to specify and limit any pollutants not previously limited.

**II.A.2. Facilities Operation**

The Permittee shall at all times maintain in good working order and operate as efficiently as possible all treatment or control facilities, collection systems or

pump stations installed or used by the Permittee to achieve compliance with the terms and conditions of this permit.

**II.A.3. Adverse Impact**

The Permittee shall take all reasonable steps to minimize any adverse impact to receiving waters resulting from noncompliance with any effluent limitations specified in this permit, including such accelerated or additional monitoring as necessary to determine the nature and impact of the non-complying discharge.

**II.A.4. Noncompliance, Unauthorized Discharge, Bypassing and Upset**

- a. Any diversion, bypass, spill, overflow or discharge of treated or untreated wastewater from wastewater treatment or conveyance facilities under the control of the Permittee is prohibited except as authorized by this permit. In the event the Permittee has knowledge that a diversion, bypass, spill, overflow or discharge not authorized by this permit is probable, the Permittee shall notify the Division immediately.
- b. The Permittee shall notify the Division within twenty four (24) hours of any diversion, bypass, spill, upset, overflow or release of treated or untreated discharge other than that which is authorized by the permit. A written report shall be submitted to the Division within five (5) days of diversion, bypass, spill, overflow, upset or discharge, detailing the entire incident including:
  1. Time and date of discharge
  2. Exact location and estimated amount of discharge
  3. Flow path and any bodies of water which the discharge reached
  4. The specific cause of the discharge, and
  5. The preventive and corrective actions taken.
- c. The following shall be included as information which must be reported within 24 hours: any unanticipated bypass which exceeds any effluent limitation in the permit; any upset which exceeds any effluent limitation in the permit; and violation of a limitation for any toxic pollutant or any pollutant identified as the method to control a toxic pollutant.
- d. The Permittee shall report all instances of noncompliance not reported under Part II.A.4.b. at the time monitoring reports are submitted. The reports shall contain the information listed in Part II.A.4.b.
- e. An "upset" means an incident in which there is unintentional and temporary noncompliance with the permit effluent limitations because of factors beyond the reasonable control of the Permittee. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation.

- f. In selecting the appropriate enforcement option, the Division shall consider whether or not the noncompliance was the result of an upset.
- g. The burden of proof is on the Permittee to establish that an upset occurred. In order to establish that an upset occurred, the Permittee must provide, in addition to the information required under paragraph II.A.4.b. above, properly signed contemporaneous logs or other documentary evidence that:
  - 1. The facility was at the time being properly operated as required in paragraph II.A.2. above, and
  - 2. All reasonable steps were taken to minimize adverse impacts as required by paragraph II.A.3. above.

**II.A.5. Removed Substances**

Solids, sludges, filter backwash, or other pollutants removed in the course of treatment or control of waste waters shall be disposed of in a manner that will prevent any pollution from such materials from entering any navigable waters.

**II.A.6. Safeguards to Electric Power Failure**

- a. Provide at the time of discharge an alternative power source sufficient to operate the wastewater control facilities, or
- b. Halt or reduce all discharges upon the reduction, loss, or failure of the primary source of power to the wastewater control facilities.

**II.B. RESPONSIBILITIES**

**II.B.1. Right of Entry**

The Permittee shall allow the Division and/or his authorized representatives, upon the presentation of credentials:

- a. To enter upon the Permittee's premises where an effluent source is located or in which any records are required to be kept under the terms and conditions of this permit, and
- b. At reasonable times, to have access to and copy any records required to be kept under the terms and conditions of this permit; to inspect any monitoring equipment or monitoring method required in this permit; and to perform any necessary sampling to determine compliance with this permit or to sample any discharge.

**II.B.2. Transfer of Ownership or Control**

In the event of any change in control or ownership of facilities from which the authorized discharge emanates, the Permittee shall notify the succeeding owner or controller of the existence of this permit, by letter, a copy of which shall be forwarded to the Division. All transfer of permits shall be approved by the Division.

**II.B.3. Availability of Reports**

Except for data determined to be confidential under NRS 445A.665, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the office of the Division. Effluent data shall not be considered confidential. Knowingly making any false statement on any such report may result in the imposition of criminal penalties as provided for in NRS 445A.710.

**II.B.4. Furnishing False Information and Tampering with Monitoring Devices**

Any person who knowingly makes any false statement, representation, or certification in any application, record, report, plan or other document filed or required to be maintained by the provisions of NRS 445A.300 to 445A.730, inclusive, or by any permit, rule, regulation or order issued pursuant thereto, or who falsifies, tampers with or knowingly renders inaccurate any monitoring device or method required to be maintained under the provisions of NRS 445A.300 to 445A.730, inclusive, or by any permit, rule, regulation or order issued pursuant thereto, is guilty of a gross misdemeanor and shall be punished by a fine of not more than \$10,000 or by imprisonment. This penalty is in addition to any other penalties, civil or criminal, provided pursuant to NRS 445A.300 to 445A.730, inclusive.

**II.B.5. Penalty for Violation of Permit Conditions**

Nevada Revised Statutes NRS 445A.675 provides that any person who violates a permit condition is subject to administrative and judicial sanctions as outlined in NRS 445A.690 through 445A.705.

**II.B.6. Permit Modification, Suspension or Revocation**

After notice and opportunity for a hearing, this permit may be modified, suspended, or revoked in whole or in part during its term for cause including, but not limited to, the following:

- a. violation of any terms or conditions of this permit
- b. obtaining this permit by misrepresentation or failure to disclose fully all relevant facts, or
- c. a change in any condition that requires either a temporary or permanent reduction or elimination of the authorized discharge.

**II.B.8. Liability**

Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the Permittee from any responsibilities, liabilities, or penalties established pursuant to any applicable Federal, State or local laws, regulations, or ordinances.

**II.B.9. Property Rights**

The issuance of this permit does not convey any property rights, in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.



**II.B.10. Severability**

The provisions of this permit are severable, and if any provision of this permit, or the application of any provisions of this permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.

**PART III**

**III.A. OTHER REQUIREMENTS**

**III.A.1. Reapplication**

If the Permittee desires to continue to discharge, he shall reapply not later than 180 days before this permit expires on the application forms then in use. The application shall be accompanied by the renewal application fee required by NAC 445A.232.

**III.A.2. Signatures, certification required on application and reporting forms**

- a. All applications, reports, or information submitted to the Division shall be signed and certified by making the following certification.

“I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.”

- b. All applications, reports or other information submitted to the Division shall be signed by one of the following:
- i. A principal executive officer of the corporation (of at least the level of vice president) or his authorized representative who is responsible for the overall operation of the facility from which the discharge described in the application or reporting form originates; or
  - ii. A general partner of the partnership; or
  - iii. The proprietor of the sole proprietorship; or
  - iv. A principal executive officer, ranking elected official or other authorized employee of the municipal, state or other public facility.

**c. Duly Authorized Representative**

All Discharge Monitoring Reports and any other information required by this permit or requested by the Division shall be signed by a person described in paragraph (a) of this section, or by a duly authorized representative of that person. A person is a duly authorized representative only if:

- i. The authorization is made in writing by a person described in paragraph (a) of this section
  - ii. The authorization specifies either an individual or a position having responsibility for environmental matters for the company, and
  - iii. The authorization is submitted to the Division.
- d. **Changes to Authorization.** If an authorization under paragraph c. of this section is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, a new authorization satisfying the requirements of paragraph b. of this section must be submitted to the Division prior to or together with any reports, information, or applications to be signed by an authorized representative.